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 PD - 1996-07-16
 PR - JP19940328083 19941228
 OPD - 1994-12-28

TI - (A)
 SKINNED RESIN-MOLDED PRODUCT AND MANUFACTURE THEREOF

AB - (A)

PURPOSE: To reliably prevent trouble such as deformation of foam cells of a skin at a portion opposed to a gate while a skin having a foam layer similar to conventional ones is being used.

CONSTITUTION: A skin 2 comprises a skin layer 20 and a foam layer 21 is disposed in a split mold, and molten resin 6 is injected under low pressure into a space between the foam layer 21 and a mold face through a gate 40, whereby the molten resin is compression-molded to form a resin base [REDACTED]. In this manufacture of a skinned resin-molded product, a sheet member 3 is set at least on a gate portion, and molding is performed while the sheet member 3 is being brought into pressure contact with the foam layer 21 by a pressing force generated by a flow of the molten resin. Since the pressure of the molten resin injected through the gate is distributed to the entire part of the sheet member 3 to be transmitted to the foam layer 21, the local effect of great pressure can be avoided. Further, heat of the molten resin is blocked by the sheet member 3.

IN - (A)
 KATAYAMA RYOICHI; YAJIMA TAKESHI

PA - (A)
 TOKAI CHEMICAL IND

IC - (A)
 B29C45/14; B29C33/12; B29C45/26; B29K101/12; B29K105/04; B29L9/00
 - (B2)
 B29C45/14; B29C33/12; B29C45/26; B60R13/02; B29K101/12; B29L9/00

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TI - Facing-bearing resin moulded prod. for preventing deformation - prepd. by low-pressure [REDACTED] and compression moulding of resin base [REDACTED] to cellular layer, useful for high quality appearance

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 - JP8183059 A 19960716 DW199638 B29C45/14 007pp

PA - (TOKA-N) TOKAI KASEI KOGYO KK

IC - B29C33/12 ;B29C45/14 ;B29C45/26 ;B29K101/12 ;B29K105/04 ;B29L9/00 ;B60R13/02

AB - J08183059 A facing-bearing resin moulded prod. comprises:

- (a) a resin base [REDACTED]; and
- (b) a facing formed by integrally laminating a facing layer on a cellular [REDACTED] layer.
- The facing is placed in a mould.
- Low-pressure [REDACTED] and compression mould integrally forms the resin base [REDACTED] on the cellular [REDACTED] layer.
- A sheet member is partially provided between the resin base [REDACTED] and the cellular [REDACTED] layer.
- The portion of the facing directed to the sheet member is softer than the other portions.
- Also claimed is the prodn. of the facing bearing resin moulded prod..
- USE - The method produces the facing-bearing resin moulded prod.

- ADVANTAGE - The method positively prevents the foamed cells of the cellular [REDACTED] layer at at least the portion directed to the gate from deformation. The facing-bearing resin moulded prod. has superior appearance quality and texture.

- (Dwg.0/6)

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IN - KATAYAMA RYOICHI;YAJIMA TAKESHI

PA - TOKAI CHEM IND LTD

TI - SKINNED RESIN-MOLDED PRODUCT AND MANUFACTURE THEREOF

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- CONSTITUTION: A skin 2 comprises a skin layer 20 and a foam layer 21 is disposed in a split mold, and molten resin 6 is injected under low pressure into a space between the foam layer 21 and a mold face through a gate 40, whereby the molten resin is compression-molded to form a resin base [REDACTED]. In this manufacture of a skinned resin-molded product, a sheet member 3 is set at least on a gate portion, and molding is performed while the sheet member 3 is being brought into pressure contact with the foam layer 21 by a pressing force generated by a flow of the molten resin. Since the pressure of the molten resin injected through the gate is distributed to the entire part of the sheet member 3 to be transmitted to the foam layer 21, the local effect of great pressure can be avoided. Further, heat of the molten resin is blocked by the sheet member 3.

SI - B29K101/12 ;B29K105/04 ;B29L9/00

I - B29C45/14 ;B29C33/12 ;B29C45/26